cost of the camera, since said processing resources are required by the camera anyway to perform the camera's image processing.

For example, present Claim 1 calls for program memory for further processing the image to effect compensation for the printing process of the printer. In the past, such further processing the image to effect compensation for the printing process of the printer was effected in the printer; not in the camera. In the case of resistive thermal printers, it is well known that such processing has included compensation for:

1. Thermal history of a thermal print head;
2. Voltage drops within a thermal print head that are dependent on the data being printed;
3. Power supply voltage drops in the printer that are dependent on the date being printed; and
4. Print head modulation, i.e. conversion of continuous-tone pixel data into pulse count modulation signals for a thermal print head.

In the case of inkjet printers, it is well known that such processing has included compensation for:

1. Drop size variation caused by heating of the inkjet print head;
2. Conversion of continuous-tone pixel data into drop counts per ink color per addressable location; and
3. Inkjet drop depletion constraints, i.e. there is a printer and media dependent limit on the number of drops which may be deposited in any one addressable location and into any given small region.

Although Parulski includes various image processing procedures and some printer-related processing such as for color separation or for interpolation to the correct number of pixels, Parulski does not disclose compensation for the printing process itself. Parulski (col. 8, 45-50) discloses a "printer module 176" for making hardcopy, but Parulski does not disclose compensation for the printing process of the printer module.

Ichikawa discloses the transfer of image parameters *to the printer*, while the present invention is the reverse of this. That is, printer parameters are transferred from the printer *to the camera*. In this fashion, no processing hardware is required in the printer. Indeed, it is an object of this invention to utilize the processing resources of the camera to do the print rendering, so that no

such resources need be included in the printer. This will not add to the cost of the camera, since said processing resources are required by the camera anyway to perform the camera's image processing.

For the reasons set forth herein, it is believed that the present invention as defined by the claims is patentable over the references of record. Reconsideration and favorable action are requested.

Respectfully submitted,
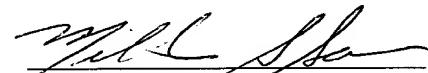
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